## INTERNATIONAL SEARCH REPORT

Inte nal Application No
PC I / uB2004/004735

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER H04R17/00 H04R5/02 H01L41,	/09					
According to international Patent Classification (IPC) or to both national classification and IPC							
	SEARCHED	-ti					
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 H04R H01L  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the International search (name of data base and, where practical, search terms used)							
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.				
X	WO 03/001841 A (LONGBOTTOM SIMO SHEPHERD MARK RICHARD (GB); 1 L MCKE) 3 January 2003 (2003-01-0 cited in the application page 5, line 8 - page 10, line page 12, line 12 - page 16, line claims 1-6; figures 2,5B,9A,9B	TD (GB); 3) 9	1-30				
x	US 2001/026626 A1 (ATHANAS LEWIS) 4 October 2001 (2001-10-04) page 1, left-hand column, last paragraph - page 1, right-hand column, last paragraph page 2, right-hand column, paragraph 3 - page 4, left-hand column, last paragraph claims 1-9; figures 2-5,7,8		1-30				
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X Fur	rther documents are listed in the continuation of box C.	Patent family members are listed	in annex.				
'A' docun	categories of cited documents :  nent defining the general state of the art which is not idered to be of particular relevance	*T* later document published after the int or priority date and not in conflict wit cited to understand the principle or ti invention	n the application but				
• · · · · · · · · · · · · · · · · · · ·		"X" document of particular retevance; the cannot be considered novel or cannot involve an inventive step when the d	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone				
whice ditati	h is cited to establish the publication date of another on or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or r means	"Y" document of particular relevance; the cannot be considered to involve an document is combined with one or n ments, such combination being obvi	nventive step when the nore other such docu-				
'P' docur	ment published prior to the international filing date but than the priority date claimed	*&" document member of the same pater	*8" document member of the same patent family				
Date of the	e actual completion of the international search	Date of mailing of the international se	earch report				
	10 February 2005	18/02/2005					
Name and	d mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer					
1	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Meiser, J					

## INTERNATIONAL SEARCH REPORT

Internal Application No PC 1/uB2004/004735

C./Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °		Relevant to claim No.
A	US 2002/191803 A1 (MIZUUCHI TAKAYUKI ET AL) 19 December 2002 (2002-12-19) page 22, left-hand column, paragraph 1 - page 22, left-hand column, last paragraph page 22, right-hand column, paragraph 5 figures 59-62	1-30
A	US 6 633 648 B1 (BAUCK JERALD L) 14 October 2003 (2003-10-14) column 1, line 64 - column 2, line 46 column 10, line 29 - column 12, line 56 figures 1,2,3a,3b	1-30
A	WO 00/76266 A (ZORAN CORP) 14 December 2000 (2000-12-14) page 3, line 8 - page 4, line 4 page 8, line 26 - page 9, line 11 figures 2-4	1-30
A	US 2003/095678 A1 (LENEL URSULA RUTH ET AL) 22 May 2003 (2003-05-22) page 6, left-hand column, paragraph 1 - page 6, left-hand column, paragraph 4 page 8, left-hand column, paragraph 4 figures 4,5,31,32	1-30

## INTERNATIONAL SEARCH REPORT

Into all Application No PC1/uB2004/004735

		I	
Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03001841	03-01-2003	EP 1397937 A2 WO 03001841 A2 JP 2004531173 T US 2004202338 A1	17-03-2004 03-01-2003 07-10-2004 14-10-2004
US 2001026626	A1 04-10-2001	US 2004189151 A1 AU 2764401 A CA 2396260 A1 EP 1299940 A1 JP 2003529976 T WO 0152400 A1	30-09-2004 24-07-2001 19-07-2001 09-04-2003 07-10-2003 19-07-2001
US 2002191803	A1 19-12-2002	CN 1258427 T EP 0969691 A1 WO 9937118 A1 US 6519346 B1 US 2002191807 A1 US 2001043714 A1	28-06-2000 05-01-2000 22-07-1999 11-02-2003 19-12-2002 22-11-2001
US 6633648	B1 14-10-2003	NONE	
WO 0076266	A 14-12-2000	DE 60013593 D1 EP 1183911 A2 JP 2003501918 T WO 0076266 A2	14-10-2004 06-03-2002 14-01-2003 14-12-2000
US 2003095678	A1 22-05-2003	AU 2016501 A AU 2016801 A CN 1434985 T EP 1240676 A2 WO 0147041 A2 WO 0147318 A2 GB 2364169 A ,B GB 2376834 A ,B JP 2003518752 T US 2004017129 A1	03-07-2001 03-07-2001 06-08-2003 18-09-2002 28-06-2001 28-06-2001 16-01-2002 24-12-2002 10-06-2003 29-01-2004